

Atty. Dkt. No.: 70191/239

## WHAT IS CLAIMED IS:

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1. A patient data information system, comprising:

a display unit;

a first application configured to display patient images for a patient on the display unit;

a second application; and

a workstation coupled to the display unit and configured to operate the first application, the first application configured to generate a patient context for the patient, provide the patient context to the second application, and display patient data from the second application based on the patient context.

- 2. The patient data information system of claim 1, wherein the first application is configured to retrieve patient image data from a picture archival and communication system (PACS).
- 3. The patient data information system of claim 2, wherein the second application is configured to retrieve patient textual data from a radiology information system (RIS), wherein the patient data includes the patient textual data.
- 4. The patient data information system of claim 1, wherein the display unit includes a monitor having a resolution of at least 90 dpi.
- 5. The patient data information system of claim 1, wherein the second application is selected from the group consisting of a case signout application, a report entry application, an order detailing application, and an order viewer application.

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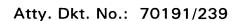
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- The patient data information system of claim 1, further 6. comprising a second workstation coupled to the workstation, the second workstation configured to operate the second/application.
- 7. The patient data information system of claim 1, wherein the second application is coupled to the first application via an object request 2 broker.
  - The patient data information system of claim 7, further 8. comprising a bridge coupled between the second application and the object request broker, wherein/the second application communicates via the component object model/(COM).
    - The patient data information system of claim 1, further 9. comprising an input unit, the first application generating the patient context in response to user input at the input unit.
    - The patient data information system of claim 9, wherein the 10. input unit is selected from the group consisting of a mouse, a voice recognition system, a keystroke, a switch, and a light pen.
- The patient data information system of claim 1, wherein the 11. 1 patient context includes patient identification data. 2
- The patient data information system of claim 11, wherein the 1 patient context includes user identification data. 2
  - The patient data information system of claim 1, wherein the patient data includes patient examination information.
- A method of integrating patient data from first and second applications, comprising:

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3	displaying a first set of patient data using the first
4	-application;-
5	generating a patient context for a patient;
6	providing the patient context from the first application to the
7	second application;
8	receiving a second set of patient data from the second
9	application; and
10	displaying the second set of patient data.

- 15. The method of claim 14, further comprising retrieving the first set of patient data from an image database.
- 16. The method of claim 15, further comprising retrieving the second set of patient data from a radiology information system.
- 17. The method of claim 14, wherein the patient context includes patient identification data.
- 18. The method of claim 14, wherein the step of providing includes generating an event based on the patient context and providing the event to the second application.
- 19. The method of claim 18, further comprising converting the event from a first object model to a second object model and providing the converted event to the second application.
- 20. The method of claim 14, wherein the second application is selected from the group consisting of a case signout application, a report entry application, an order detailing application, and an order viewer application.

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1	21. The method of claim 14, further comprising receiving an
2	operator input from an input unit and generating the patient context for
3	the patient in response to the operator input.

- 1 22. The method of claim 14, wherein the second set of patient 2 data includes patient examination information.
- 23. An apparatus for integrating patient data from first and second applications comprising:
- a means for displaying a first set of patient data using the first application;
  - a means for generating a patient context for a patient;
- a means for providing the patient context from the first application to the second application;
  - a means for receiving a second set of patient data from the second application; and
    - a means for displaying the second set of patient data..
  - 24. The method of claim 23, further comprising a means for retrieving the first set of patient data from an image database.
- 25. The method of claim 24, further comprising a means for retrieving the second set of patient data from a radiology information system.
  - 26. The method of claim 23, wherein the patient context includes the means for identifying a patient..
- 1 27. The method of claim 23, wherein the means for providing 2 includes a means for generating an event based on the patient context 3 and providing the event to the second application.



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- 28. The method of claim 27, further comprising a means for converting the event from a first object model to a second object model and a means for providing the converted event to the second application.
- 29. The method of claim 23, wherein the second application is selected from the group consisting of a case signout application, a report entry application, an order detailing application, and an order viewer application.
- 30. The method of claim 23, further comprising a means for receiving an operator input and generating the patient context for the patient in response to the operator input.
- 31. The method of claim 23, wherein the second set of patient data includes a means for providing patient examination information.

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